

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,491,515 B2  
APPLICATION NO. : 10/726692  
DATED : February 17, 2009  
INVENTOR(S) : Louis V. Kirchhoff

Page 1 of 6

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

AT Column 75, Line 44, please insert the following sequence ID Nos 51-57 as follows:

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<210> 51  
<211> 34  
<212> PRT  
<213> Trypanosoma cruzi

<400> 51  
Ser Thr Asp Lys Leu Lys Leu Asn Gln Gln Asn Lys Pro His Ile Ala  
1 5 10 15

Asn Asn Lys Gln Lys Thr Thr Leu Glu Lys Thr Gln Thr Glu Gln Lys  
20 25 30

Thr Ala

<210> 52  
<211> 12  
<212> PRT  
<213> Trypanosoma cruzi

<400> 52  
Pro Phe Gly Gln Ala Ala Ala Gly Asp Lys Pro Ser  
1 5 10

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<210> 53  
<211> 21  
<212> PRT  
<213> Trypanosoma cruzi

<400> 53  
Gly Thr Ala Phe Asp Ala Ser Arg Ser Thr Val Phe Ala Asn Ala Pro  
1 5 10 15

Gly Val Ala Gln Val  
20

<210> 54  
<211> 68  
<212> PRT  
<213> Trypanosoma cruzi

<400> 54  
Met Glu Gln Glu Arg Arg Gln Leu Leu Glu Lys Asp Pro Arg Arg Asn  
1 5 10 15

Ala Lys Glu Ile Ala Ala Leu Glu Glu Ser Met Asn Ala Arg Ala Gln  
20 25 30

Glu Leu Ala Arg Glu Lys Lys Leu Ala Asp Arg Ala Phe Leu Asp Gln  
35 40 45

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Lys Pro Glu Gly Val Pro Leu Arg Glu Leu Pro Leu Asp Asp Asp Ser  
50 55 60

Asp Phe Val Ala  
65

<210> 55

<211> 85

<212> PRT

<213> Trypanosoma cruzi

<400> 55

Met Ala Gln Leu Gln Gln Ala Glu Asn Asn Ile Thr Asn Ser Lys Lys  
1 5 10 15

Glu Met Thr Lys Leu Arg Glu Lys Val Lys Lys Ala Glu Lys Glu Lys  
20 25 30

Leu Asp Ala Ile Asn Arg Ala Thr Lys Leu Glu Glu Glu Arg Asn Gln  
35 40 45

Ala Tyr Lys Ala Ala His Lys Ala Glu Glu Glu Lys Ala Lys Thr Phe  
50 55 60

Gln Arg Leu Ile Thr Phe Glu Ser Glu Asn Ile Asn Leu Lys Lys Arg  
65 70 75 80

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Pro Asn Asp Ala Val  
85

<210> 58  
<211> 14  
<212> PRT  
<213> Trypanosoma cruzi

<400> 56  
Gln Arg Ala Ala Glu Ala Ala Lys Ala Val Glu Thr Glu Lys  
1 5 10

<210> 57  
<211> 214  
<212> PRT  
<213> Trypanosoma cruzi

<400> 57  
Asp Ile Asp Pro Met Gly Ala Cys Gly Ser Lys Asp Ser Thr Ser Asp  
1 5 10 15

Lys Gly Leu Ala Ser Asp Lys Asp Gly Lys Asn Ala Lys Asp Arg Lys  
20 25 30

Glu Ala Trp Glu Arg Ile Arg Gln Ala Ile Pro Arg Glu Lys Thr Ala  
35 40 45

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Glu Ala Lys Gln Arg Arg Ile Glu Leu Phe Lys Lys Phe Asp Lys Asn  
50 55 60

Glu Thr Gly Lys Leu Cys Tyr Asp Glu Val His Ser Gly Cys Leu Glu  
65 70 75 80

Val Leu Lys Leu Asp Glu Phe Thr Pro Arg Val Arg Asp Ile Thr Lys  
85 90 95

Arg Ala Phe Asp Lys Ala Arg Ala Leu Gly Ser Lys Leu Glu Asn Lys  
100 105 110

Gly Ser Glu Asp Phe Val Glu Phe Leu Glu Phe Arg Leu Met Leu Cys  
115 120 125

Tyr Ile Tyr Asp Phe Phe Glu Leu Thr Val Met Phe Asp Glu Ile Asp  
130 135 140

Ala Ser Gly Asn Met Leu Val Asp Glu Glu Glu Phe Lys Arg Ala Val  
145 150 155 160

Pro Lys Leu Glu Ala Trp Gly Ala Lys Val Glu Asp Pro Ala Ala Leu  
165 170 175

Phe Lys Glu Leu Asp Lys Asn Gly Thr Gly Ser Val Thr Phe Asp Glu  
180 185 190

Phe Ala Ala Trp Ala Ser Ala Val Lys Leu Asp Ala Asp Gly Asp Pro  
195 200 205

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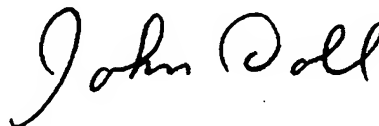
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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Asp Asn Val Pro Asp Ile  
210

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Signed and Sealed this  
Twenty-third Day of June, 2009



JOHN DOLL  
*Acting Director of the United States Patent and Trademark Office*